

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO. SRL 6067		SERIAL NO. 09/023,401				
		LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)							APPLICANT Gary S. Jacob et al.						
		U.S. PATENT DOCUMENTS									FILING DATE 02/12/98		GROUP 1614		
EXAMINER INITIAL		DOCUMENT NUMBER				DATE		NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
RECEIVED OCT 13 1998 GROUP 1800															
FOREIGN PATENT DOCUMENTS															
EXAMINER INITIAL	23	DOCUMENT NUMBER							DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		WO	95	0	6	0	6	1	03/02/95	PCT	1		YES	NO	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
24		Doong et al., "Inhibition of the replication of hepatitis B virus <i>in vitro</i> by 2',3'-dideoxy-3'-thiacytidine and related analogues" (1991) Proc. Nat'l. Acad. Sci. USA, Vol. 88, pp. 8495-8499.													
25		Platt et al., "N-Butyldeoxynojirimycin Is a Novel Inhibitor of Glycolipid Biosynthesis, Secretion of Human Hepatitis B Virus Is Inhibited by the Imino Sugar N-Butyldeoxynojirimycin" (1994) Chemtracts-Organic Chemistry, Vol. 7, pp. 106-107.													
26		Block et al., "The Secretion of Human Hepatitis B Virus Is Inhibited By The Imino Sugar, N-Butyl-Deoxynojirimycin," (1994) Antiviral Research, Vol. 23 (Supp. 1), p. 79.													
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												11/24/05			

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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of

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Complete if Known

Application Number	09/023,401
Filing Date	February 12, 1998
Confirmation Number	6896
First Named Inventor	Gary S. Jacob
Group Art Unit	
Examiner Name	R. Travers

Attorney Docket No.

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	186	4,940,705	B	Böshagen, et.al.	07-10-1990
	187	5,051,407	B	Böshagen, et.al.	09-24-1991

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ³
		Office	Number ⁴	Kind Code ² (if known)			
	188	PCT	WO91/03242	A1	Nippon-Shinyaku Co., Ltd.	03-21-1991	
	189	PGT	W000/47198	A2	G.D. Searle & Co.	08-17-2000	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
	190	MUELLER, R. et al., "Use of N-substituted-1,5-dideoxy-1,5-imino-D-glucitol-compounds-for-treating hepatitis virus infections," CA 135:175348, 2001	

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3/11/02

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
5	147	4,269,857	5/1981	Tokuda et al.	424	325	
5	148	5,221,746	6/1993	Partis et al.	546	220	
5	149	5,264,356	11/1993	Rohrschneider	435	236	
5	150	5,622,972	4/1997	Bryant et al.	514	315	
5	151	5,703,058	12/1997	Sehinaz et al.	514	45	
5	152	6,093,702	7/2000	Malley et al.	514	45	

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							YES	NO
5	153	2,700,267	1/1993	FR	A61K	9/107		
5	154	0,401,194	6/1990	EPO	A61K	31/70		
5	155	0,477,160	9/1991	EPO	C12P	17/04		
5	156	0,691,327	3/1994	EPO	C07C	217/28		
5	157	0,729,747	2/1996	EPO	A61K	7/48		
5	158	WO91/17145	11/1991	PCT	C07D	211/46		
5	159	WO94/04546	3/1994	PCT	C07H	17/02		Abstract
5	160	WO95/06061	3/1995	PCT	C07K	5/03		
5	161	WO99/29321	6/1999	PCT	A61K	31/445		
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5	164	Tennant, et al., "Animal Models in the Preclinical Assessment of Therapy for Viral Hepatitis," Antiviral Therapy, Vol. 1, (Suppl. 4), 1996, pp. 47-52

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166	Gasparini, et al., "Clinical Importance of the Determination of Tumor Angiogenesis in Breast Carcinoma: Much More Than a New Prognostic Tool," Journal of Clinical Oncology, Vol. 13, No. 3, March 1995, pp. 765-782
167	Bruyneel, et al., "Effect of Glycosylation Inhibitors on N-Glycosylpeptides and on Invasion of Malignant Mouse MO ₄ Cells in Vitro," Journal of Cell Science, Vol. 95, 1990, pp. 279-286
168	Jacobs, "Glycosylation Inhibitors in Biology and Medicine," Current Opinion in Structural Biology, No. 5, 1995, pp. 605-611
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171	Jacobs, et al., "Iminosugar-alpha-Glucosidase Inhibitors as Drugs and Pro-Drugs for Treatment of HIV Infections," Washington Book of Abstracts, 208th ACS National Meeting, August 21-25, 1994, one page
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173	Goss, et al., "Inhibitors of Carbohydrate Processing: A New Class of Anticancer Agents," Clinical Cancer Research, Vol. 1, September 1995, pp. 935-944
174	Isom, et al., "Molecular Pathology of Human Oncogenic Viruses," Cellular and Molecular Pathogenesis, Chapter 14, 1996, pp. 341-387
175	Ratner, et al., "Mechanism of Action of N-Butyl Deoxynojirimycin in Inhibiting HIV-1 Infection and Activity in Combination with Nucleoside Analogs," AIDS Research and Human Retroviruses, Vol. 9, No. 4, 1993, pp. 291-297
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179	Mitts, et al., "The Reaction of Glucose with Some Amines," Journal of the American Chemical Society, Vol. 66, March 1944, pp. 483-486
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	181	Iino, "Treatment of Chronic Viral Hepatitis," Mol. Med. (Tokyo), 1996, Vol. 33, No. 3, pp. 276-286 (English language abstract only)
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	183	Mutchnick, et al., "Thymosin Treatment of Chronic Active Hepatitis B (CAHB): A Preliminary Report on a Controlled, Double Blind Study," 1988, Hepatology, Vol. 8, No. 5, Article 208, p. 1270
	184	Jones, et al., "Use of the Epoliss Scheme for the Design of More Effective Chelating Agents for Cadmium Decorporation," Chem. Res. Toxicol., Vol. 1, 1988, pp. 234-237
	185	Karrer, et al., "Zur Kenntnis der Reduktionsprodukte aus Aromatischen Aminen und Zuckern," 1935, p. 1338-1340

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SRL 6067

SERIAL NO.

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27	3,590,028	6/1971	Arcamone	260	210	TECH CENTER 1600/2900
28	4,042,448	3/1977	Smith et al.	260	591	
29	4,065,562	12/1977	Ohata et al.	424	267	
30	4,182,767	1/1980	Murai et al.	424	267	
31	4,260,622	4/1981	Junge et al.	424	267	
32	4,327,725	5/1982	Cortese et al.	128	260	
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34	4,533,668	8/1985	Matsumura et al.	514	321	
35	4,611,058	9/1986	Koebernick	546	242	
36	4,612,008	9/1986	Wong et al.	604	892	
37	4,765,989	8/1988	Wong et al.	424	473	
38	4,783,337	11/1988	Wong et al.	424	468	
39	4,806,650	2/1989	Schröder et al.	546	242	
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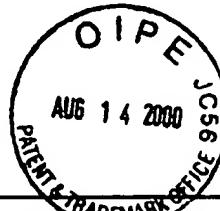
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FILING DATE

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50	5,151,519	9/1992	Behling et al.	546	219	
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53	5,331,096	7/1994	Koszyk et al.	546	115	
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55	5,451,679	9/1995	Barta et al.	546	219	
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57	5,491,135	2/1996	Blough	514	115	
58	5,525,816	6/1996	Platt et al.	514	315	
59	5,536,732	7/1996	Lesur et al.	514	317	
60	5,595,984	1/1997	Barta et al.	514	63	
61	5,642,480	3/1997	Barta et al.	544	180	
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EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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64	0 324 328	7/1989	EPO	A61K	31/445		
65	0 350 012	1/1990	EPO	A61K	31/445		
66	0 367 748	5/1990	EPO	C07D	211/46		
67	0 449 026	10/1991	EPO	C07D	491/04		
68	0 494 850	7/1992	EPO	C07D	211/46		
69	0 566 556	10/1993	EPO	C07D	211/40		
70	WO87/03903	7/1987	PCT	C12N	05/00		
71	WO95/22975	8/1995	PCT	A61K	31/445		
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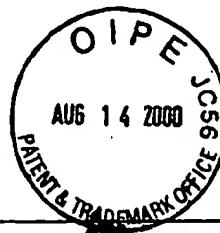
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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)						O P E J C 5 AUG 14 2000 PATENT & TRADEMARK OFFICE 95		
	73	WO97/00881	1/1997	PCT		C07H	17/02	No
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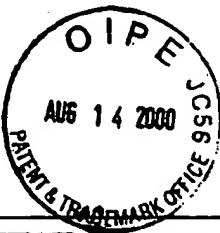
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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		 AUG 14 2000	APPLICANT Gary S. Jacob	
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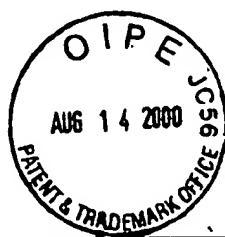
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